

01408830 CEDAR CREEK AT CEDAR CREST, NJ

CEDAR CREEK BASIN

LOCATION.--Lat 39°53'50", long 74°18'59" referenced to North American Datum of 1983, Lacey Township, Ocean County, NJ, Hydrologic Unit 02040301, at bridge on Whiting-Lacey Road in Cedar Crest, 0.2 mi downstream from outlet of Bamber Lake, and 3.7 mi southeast of Keswick Grove.

DRAINAGE AREA.--20.1 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Miscellaneous measurements, water years 1998 to current year.

GAGE.--Staff gage.

DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Date	Discharge, in ft³/s
Nov 14, 2007	30.6
Feb 25, 2008	46.6
May 20, 2008	40.6
Sep 4, 2008	19.3

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1977-78, 1998 to current year.

REMARKS.--Cooperative Network Site Descriptor: Undeveloped Land Use Indicator, NJ Department of Environmental Protection Watershed Management Area 13.

COOPERATION.--Physical measurements and samples for laboratory analysis were collected in cooperation with the NJ Department of Environmental Protection. Determinations of dissolved ammonia, dissolved orthophosphate, and suspended residue were performed by the NJ Department of Health and Senior Services, Environmental and Chemical Laboratory.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 1 of 3

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Time	Instantaneous discharge, ft ³ /s (00061)	Turbidity white light, det ang 90+/-30 corrctd NTRU (63676)	UV absorbance, 254 nm, wat flt units /cm (50624)	UV absorbance, 280 nm, wat flt units /cm (61726)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO ₃ (00900)
Nov 14...	1140	34	.5	.110	.088	756	11.7	101	4.7	28	15.5	9.2	3
Feb 25...	1130	47	.7	.219	.172	760	11.9	94	4.5	35	7.5	5.2	3
May 20...	1200	41	.7	.400	.317	746	9.8	95	4.5	35	13.5	13.8	3
Sep 04...	1220	19	1.1	.085	.068	758	8.1	98	5.3	23	--	25.1	3

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 2 of 3

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, lab, mg/L as CaCO ₃ (90410)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L as SiO ₂ (00955)	Sulfate, water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue total non-filterable, mg/L (00530)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L as N (00608)
Nov 14...	.68	.356	.38	2.45	<1.7	4.31	<.12	5.6	2.63	23	1	<.14	.013
Feb 25...	.67	.421	.41	2.48	<1.7	4.28	<.12	5.1	4.76	28	4	E.09	.014
May 20...	.60	.476	.22	2.40	<1.7	4.22	<.12	3.0	3.33	34	1	.20	.019
Sep 04...	.53	.361	.33	2.36	<1.7	4.05	<.12	5.4	1.90	24	1	.14	.019

01408830 CEDAR CREEK AT CEDAR CREST, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 3 of 3

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Nitrate + nitrite water fltrd, mg/L as N (00631)	Partic- ulate nitro- gen, susp, water, mg/L (49570)	Total nitro- gen, water, fltrd, mg/L (00602)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L as P (00666)	Phos- phorus, water, unfltrd mg/L as P (00665)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inor- ganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)	Boron, water, fltrd, µg/L (01020)
Nov 14...	E.02	<.04	--	E.004	<.008	<.008	E.1	<.04	.1	2.4	6.7
Feb 25...	E.02	<.04	E.11	<.010	<.008	<.008	.2	<.04	.2	4.8	6.3
May 20...	<.04	E.03	--	E.006	<.008	E.004	.5	<.04	.5	7.0	7.4
Sep 04...	<.04	E.02	--	<.010	<.008	<.008	.4	M	.3	2.5	6.6